

PRESSURE SENSITIVE TRIP MECHANISM FOR CIRCUIT BREAKERS

Abstract

A circuit breaker having a set of electrical contacts, a first actuator in fluid communication with the set of electrical contacts, a second actuator in operable communication with the first actuator, and an operating mechanism in operable communication with the set of electrical contacts and the second actuator is disclosed.

Pressurized gas created by separation of the set of electrical contacts acts on and drives the first actuator, which acts on and drives the second actuator, which effectuates tripping of the operating mechanism.